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Substitution for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/663,265		
		Filing Date	September 16, 2003		
		First Named Inventor	Edith Mathiowitz		
		Group Art Unit	1633		
		Examiner Name	Maria Gomez Leavitt		
Sheet	1	of	6	Attorney Docket Number	BU MAT1993-04/DIV3CON2

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (if known)				
ML		4,272,398		Jaffe	06-09-1981		
↓		4,775,624		Bang, et al.	10-04-1988		
		4,861,627		Mathiowitz, et al.	08-29-1989		
		4,863,735		Kohn, et al.	09-05-1989		
		4,897,355		Eppstein, et al.	01-30-1990		
		4,898,734		Mathiowitz, et al.	02-06-1990		
		5,100,669		Hyon, et al.	03-31-1992		
		5,100,792		Sanford, et al.	03-31-1992		
		5,171,217		March, et al.	12-15-1992		
		5,271,961		Mathiowitz, et al.	12-21-1992		
		5,366,881		Singh, et al.	11-22-1994		
		5,639,473		Grinstaff, et al.	06-17-1997		
		5,643,578		Robinson, et al.	07-01-1997		
		5,674,192		Sahatjian, et al.	10-07-1997		
	↓		5,763,416		Banadio, et al.	06-09-1998	

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		Office. ²	Number ³	Kind Code ⁵ (if known)				
		EP	0-248-531		Southern Research Institute	12-09-1987	.	
		EP	0-330-180		Biomaterials Universe, Inc.	08-30-1989		
		EP	0-302-582		Southern Research Institute	02-08-1989		
		EP	5-79347		Ferring Arzneimittel, GMBH	01-19-1994		
		PCT	WO-93/0886		Massachusetts Institute of Technology	05-12-1993		

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ML		5,783,567		Hedley, et al.	07-21-1998	
I		5,792,751		Ledley, et al.	08-11-1998	
		5,820,883		Tice, et al.	10-13-1998	
↓		5,880,103		Urban, et al.	03-09-1999	

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		Office. ²	Number ⁴	Kind Code ⁵ (if known)				
		PCT	WO 93/21906		Brown University Research Foundation	11-11-1993		
		PCT	WO 93/25221		Alkermes Controlled Therapeutics	12-23-1993		
ML		PCT	WO 94/23699		Medisorb Technologies International LP	10-27-1994		
		PCT	WO 94/23738		Medisorb Technologies International LP	10-27-1994		

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OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		ACSADI, et al., "Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs", <i>Nature</i> , 352(6338):815-8 (1991).	
		BENITA, et al., "Characterization of drug-loaded poly(d, l-lactide) microspheres", <i>J Pharm Sci</i> , 73(12):1721-4 (1984).	
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		EISENBERG and CROTHERS, (eds) "Physical Chemistry with Application to the Life Sciences", Benjamin/Cummings Publishing CO., Menlo Park, CA, p705, 1979.	

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OTHER ART - NON PATENT LITERATURE DOCUMENTS			
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		EISENBRAUN, et al., "Examination of parameters affecting the elicitation of humoral immune responses by particle bombardment-mediated genetic immunization", <i>DNA Cell Biol.</i> , 12(9):791-7 (1993).	
		FYNAN, et al., "DNA vaccines: protective immunizations by parenteral, mucosal, and gene-gun inoculations" <i>Proc Natl Acad Sci U S A.</i> , 90(24):11478-82 (1993).	
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		LEDLEY, "Nonviral gene therapy: the promise of genes as pharmaceutical products", <i>Hum Gene Ther.</i> , 6(9):1129-44 (1995).	
		LIM, et al., "Microencapsulation of living cells and tissues", <i>J Pharm Sci.</i> , 70(4):351-4 (1981).	
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		MATHIOWITZ, et al., "Polyanhydride microspheres II. Microencapsulation by solvent removal", <i>J. Appl Polymer Sci.</i> , 35:755- (1988).	
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		TAI, et al., "Microencapsulation of recombinant cells: a new delivery system for gene therapy", <i>FASEB J.</i> , 7(11):1061-9 (1993).	

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		ULMER, et al. "Heterologous protection against influenza by injection of DNA encoding a viral protein", <i>Science</i> , 259(5102):1745-9 (1993).	
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